
Central Valley Regional Water Quality Control Board

24 May 2013

Reece & Teresa Cordi
Cordi Winery
10401 Ingram Lane
Live Oak, CA 95953

CERTIFIED MAIL
7010 1670 0002 0652 1954

NOTICE OF APPLICABILITY, CONDITIONAL WAIVER OF WASTE DISCHARGE REQUIREMENTS FOR SMALL FOOD PROCESSORS AND SMALL WINERIES WITHIN THE CENTRAL VALLEY REGION, ORDER R5-2009-0097-0086, CORDI WINERY, SUTTER COUNTY

Central Valley Regional Water Quality Control Board (Central Valley Water Board) staff has reviewed the 28 March 2013 Report of Waste Discharge (RWD) submitted by Cordi Winery to apply for regulatory coverage under the Conditional Waiver of Waste Discharge Requirements for Small Food Processors and Small Wineries within the Central Valley Region, Order R5-2009-0097 (Order). The Order, which was adopted by the Central Valley Water Board on 8 October 2009, is a conditional waiver of waste discharge requirements for small wineries and small food processors. Cordi Winery applied for coverage under the Order for the discharge of winery wastewater to land.

The facility and property are owned and operated by Cordi Winery ("Discharger"). Based on the information submitted, the discharge as described in the RWD satisfies the general and specific conditions of the Order for the volume of wastewater to be generated and discharged to land on an annual basis. You are hereby assigned Order R5-2009-0097-0086. A copy of the Order is enclosed and it is also available on the internet at:

http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/#waivers

Please familiarize yourself with the contents of the Order including the discharge and monitoring requirements. The facility must be operated in accordance with the requirements contained in the Order and with the information submitted in the RWD and additional information submitted to complete the RWD. Failure to comply with the monitoring and reporting requirements of the Order may result in enforcement action pursuant to California Water Code, Section 13261, which can include imposition of civil liability (a fine).

DISCHARGE DESCRIPTION

Cordi Winery is located at 10401 Ingram Lane, Live Oak, Sutter County. The winery is located on approximately 58 acres of land (APN 08-030-064) that includes 15 acres of vineyards, 20 acres of olives, and 12 acres of fallow land which will be converted to vineyards. The remaining 11 acres of land is currently open space or used for on-site structures. Four structures at the site consist of one building for wine processing, one building for barrel storage, one building for bottle storage, and one building used as a tasting room. Two irrigation wells are located in the olive orchard and one domestic water supply well is located near the on-site structures. The winery has been in operation since 2009 with seasonal crushing performed off-site. The facility currently does not have a self-regeneration water softener, boiler, or other activities that generate brine wastewater.

Beginning in 2013, crushing activities will occur within a building equipped with drains that direct wastewater into a concrete-lined sump. Wastewater generated during crushing, bottling and racking will be collected in the sump until the water is discharged to 47 acres of orchards to be used as Land Application Areas (LAAs). The Discharger estimates that the volume of winery process wastewater produced will range from 13,000 to 44,000 gallons annually, which will be blended with supplemental irrigation water from two on-site agricultural wells. Current wastewater management practices do not include the mixing of storm water with wastewater. All stormwater is retained on-site.

Irrigation of the LAAs with wastewater will be discharged via flood irrigation using a network of 8-inch and 10-inch pipes with valves every 24 feet. Olive trees and grape vines are planted along berm mounds allowing wastewater and irrigation water to disperse evenly down the rows at an estimated volume of 0.002 acre-foot, or 87 gallons per acre. The LAAs are configured with a tailwater recovery system to capture and recover excess irrigation and storm water.

Crush solids and recovered skimmed solids during fermentation are separated out, mechanically pulverized, and stored in a designated area with controls to contain surface water runoff. Approximately 8.5 tons of pomace (stems, seeds, and skins) will be generated from grape crushing activities conducted between September and November each year. Pomace will be spread in the vineyards and olive grove then tilled into the soil. Solids are applied at approximately 362 pounds per acre, or 0.008 pounds per square foot.

Domestic wastewater is collected in a septic tank and discharged to a nearby leachfield system. The domestic wastewater system is permitted through Sutter County.

MONITORING AND REPORTING

The Order includes specific monitoring and reporting requirements that you must comply with, including routine monitoring and reporting to the Central Valley Water Board. Please review the Monitoring and Reporting Program closely and establish the appropriate record keeping system so that you are able to complete the required Annual Monitoring Report form, contained in the Order. **By February 1 of each year**, the Annual Monitoring Report form must be submitted to our office, even if there is no discharge during the reporting year.

GENERAL INFORMATION AND REQUIREMENTS

The Order includes specific and general conditions required for your operation. In addition, you must maintain control over the discharge and operate in accordance with the information provided in your application and this Notice of Applicability.

Please review this Notice of Applicability carefully to ensure that it completely and accurately reflects the facility name, location, and discharge. Failure to comply with the requirements of the Order may result in enforcement action as authorized by provisions of the California Water Code, which could include civil liability. Discharge of wastes not described in the RWD is prohibited. If the method of waste disposal changes from that described in your application, you must submit an updated RWD to describe the new operation.

Please note that the Order will expire on **8 October 2014**, at which time you must provide one of the following:

1. Submit a new application with a filing fee to obtain coverage under a subsequently adopted waiver; or
2. Submit an application with a filing fee to apply for individual or general Waste Discharge Requirements, or
3. Cease the discharge.

If you have any questions regarding submitting an updated RWD, or questions about your permit obligations, please contact Mr. Scott Armstrong of the Discharge to Land Permitting Unit, at (916) 464-4616 or sarmstrong@waterboards.ca.gov.

All compliance and enforcement questions should be directed to Mr. Brendan Kenny of the Compliance and Enforcement Section, at (916) 464-4635 or bkenny@waterboards.ca.gov. All monitoring reports must be submitted to Mr. Kenny by the compliance due date.

Original signed by Andrew Altevogt for:

PAMELA C. CREEDON
Executive Officer

Enclosure: Conditional Waiver of WDRs, Order No. R5-2009-0097

cc: Mr. Jan Hill, Sutter County Environmental Health Department, Yuba City